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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/574,553	05/16/2000	Nanda Kutty	66329/97295B	7119
23380	7590	08/27/2004	EXAMINER	
TUCKER, ELLIS & WEST LLP 1150 HUNTINGTON BUILDING 925 EUCLID AVENUE CLEVELAND, OH 44115-1475			RAHIMI, IRAJ A	
			ART UNIT	PAPER NUMBER
			2622	

DATE MAILED: 08/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/574,553	<b>Applicant(s)</b> KUTTY, NANDA	
	<b>Examiner</b> (Iraj) Alan Rahimi	<b>Art Unit</b> 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 June 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 May 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                                        |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                            | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

## **DETAILED ACTION**

### ***Response to Amendment***

1. In papers filed on June 29, 2004 applicant filed an RCE; amended independent claims 1, 8, 17 and 21 and cancelled claims 25-30.

### ***Response to Arguments***

2. Applicant presented no arguments but amended claims to reflect the network communication aspect for selecting and formatting the cover page. Examiner does not consider the network communication aspect of the amended claim novel and presents rejection of the amended claims below.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Knodt et al. (US patent 5,124,731) in view of Farrell (US patent 5,559,595).

Regarding claim 1, Knodt discloses a method of processing a network print job comprised of a document including a first page 1 through a last page n, wherein a control unit receives the print job from a computer workstation in a computer network and wherein the

Art Unit: 2622

document was created at the computer workstation using an application program, the method comprising:

receiving into the control unit the workstation, via a data network, data instructing the control unit to initiate print of a selected cover sheet associated with the print job;

communicating to the workstation from the control unit, data representative of print options available for the print job, which print options include paper stock and print format associated with the selected cover sheet:

receiving from the workstation, cover specification data representative of a selected set of the print options for the print job;

the control unit 7 in accordance with the work station cover specification data, causing a printer to obtain a first sheet of paper from a first paper source specified thereby (paper tray 112 or 114), the first sheet comprising a top cover (Figs. 3, 7 and 8);

the control unit determining whether the top cover is one-sided, two-sided, or blank and (column 7, lines 20-33);

(i) if the top cover is one-sided, the control unit causing the printer to print a first page of the document on one face of the first sheet of paper (column 7, lines 20-33; column 7, lines 61-67; column 7, lines 1-12 and Fig. 11B);

(ii) if the top cover is two-sided, the control unit causing the printer to print a first page of the document on a front face of the first sheet of paper and print a second page of the document on a back face of the first sheet of paper (column 7, lines 20-33 and Fig. 11A);

(iii) if the top cover is blank, the control unit causing the printer to

Art Unit: 2622

output the first sheet of paper with a blank front face and a blank back face (Fig. 10 and column 11, lines 15-19);

the control unit causing the printer to obtain one or more subsequent sheets of paper from a second paper source (paper tray 110 and Figs. 11A-D);

the control unit causing the printer to print one or more pages from a remainder of the document using the one or more subsequent sheets of paper, wherein each page of the remainder of the document is printed on only one face of each of the one or more subsequent sheets of paper (Fig. 12A).

However, Knodt does not clearly disclose network-based print jobs where the workstation communicates with the control unit for performing the print job. Farrell discloses in column 9, lines 42-50 network printing system 2, which transmits print jobs from a workstation by the network connection.

Knodt and Farrell are combinable because they are from the same filed of endeavor that is automated printing systems.

At the time of invention it would have been obvious to a person skilled in the art, to use the network feature of Farrell in a printing system.

The suggestion/motivation to do so would have been to enable users at remote locations to send print jobs to the printer.

Therefore, it would have been obvious to combine Knodt with Farrell to obtain the invention as specified in claim 1.

Art Unit: 2622

Regarding claim 2, Knodt discloses the method of printing a document of claim 1, wherein if the top cover is two-sided, the control unit causes the printer to print a first page of the document on a front face of the first sheet of paper (Fig. 11B).

Regarding claim 3, Knodt discloses the method of printing a document of claim 1, wherein if the top cover is two-sided, the control unit causes the printer to print a first page of the document on a back face of the first sheet of paper (Fig. 11C).

Regarding claim 4, Knodt discloses the method of printing a document of claim 1, further comprising:

(a) the control unit causes the printer to obtain a last sheet of paper from the first paper source, the last sheet of paper comprising a bottom cover(column 7, lines 12-33 and Fig. 12A);

(b) the control unit causes the printer to print the last page of the document on a face of the last sheet of paper(Fig. 12A).

Regarding claim 5, Knodt discloses the method of printing a document of claim 4, wherein the last page of the document is printed on a front face of the last sheet of paper (Fig. 12A).

Regarding claim 6, Knodt discloses the method of printing a document of claim 4, wherein the last page of the document is printed on a back face of the last sheet of paper (Figs. 11D and 12D).

Art Unit: 2622

Regarding claim 7, Knodt discloses the method of printing a document of claim 6, wherein a second to last page of the document is printed on a front face of the last sheet of paper (Fig. 12D).

Regarding claims 8, 17 and 21 arguments analogous to those presented for claim 1, are applicable.

Regarding claims 9 and 18 arguments analogous to those presented for claim 2, are applicable.

Regarding claims 10 and 19, arguments analogous to those presented for claim 3, are applicable.

Regarding claims 11, 20 and 22 arguments analogous to those presented for claim 4, are applicable.

Regarding claim 12, arguments analogous to those presented for claim 2, are applicable.

Regarding claim 13, arguments analogous to those presented for claim 6, are applicable.

Regarding claim 14, arguments analogous to those presented for claim 7, are applicable.

Regarding claim 15, Knodt discloses the control unit of claim 11, wherein the top cover is one-sided and the bottom cover is two-sided. Fig. 10 shows options for printing on front and backside of cover with images on one side or two sides.

Art Unit: 2622

Regarding claim 16, Knodt discloses the control unit of claim 11, wherein the top cover is two-sided and the bottom cover is one-sided. Fig. 10 shows options for printing on front and backside of cover with images on one side or two sides.

Regarding claim 23, Knodt discloses the computer program product on a computer workstation of claim 21, wherein the dialog window includes user-selectable checkboxes coupled to a label describing the formatting features for the document (Fig. 10).

Regarding claim 24, Knodt discloses the computer program product on a computer workstation of claim 21, wherein the dialog window includes a pull-down menu that permits a user to choose a cover paper source from a list of one or more paper sources (Fig. 9).

#### ***Other Prior Art Cited***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Dumas et al. (US patent 5,596,389) discloses a scheduling apparatus for a printing system.

Goldberg et al. (US patent application 2004/0059435) discloses cover page client and server.

Sumio et al. (US patent 6,311,029) discloses image forming apparatus having sheet feeding unit for insert sheets.



Art Unit: 2622

Olsson-Williams et al. (6,185,588) discloses a method and apparatus for printing worldwide web pages in accordance with operator selected formatting.

***Contact Information***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to (Iraq) Alan Rahimi whose telephone number is 703-306-3473. The examiner can normally be reached on Mon.-Fri. 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L Coles can be reached on 703-305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AR

Alan Rahimi  
August 20, 2004

  
TWYLER LAMB  
PATENT EXAMINER